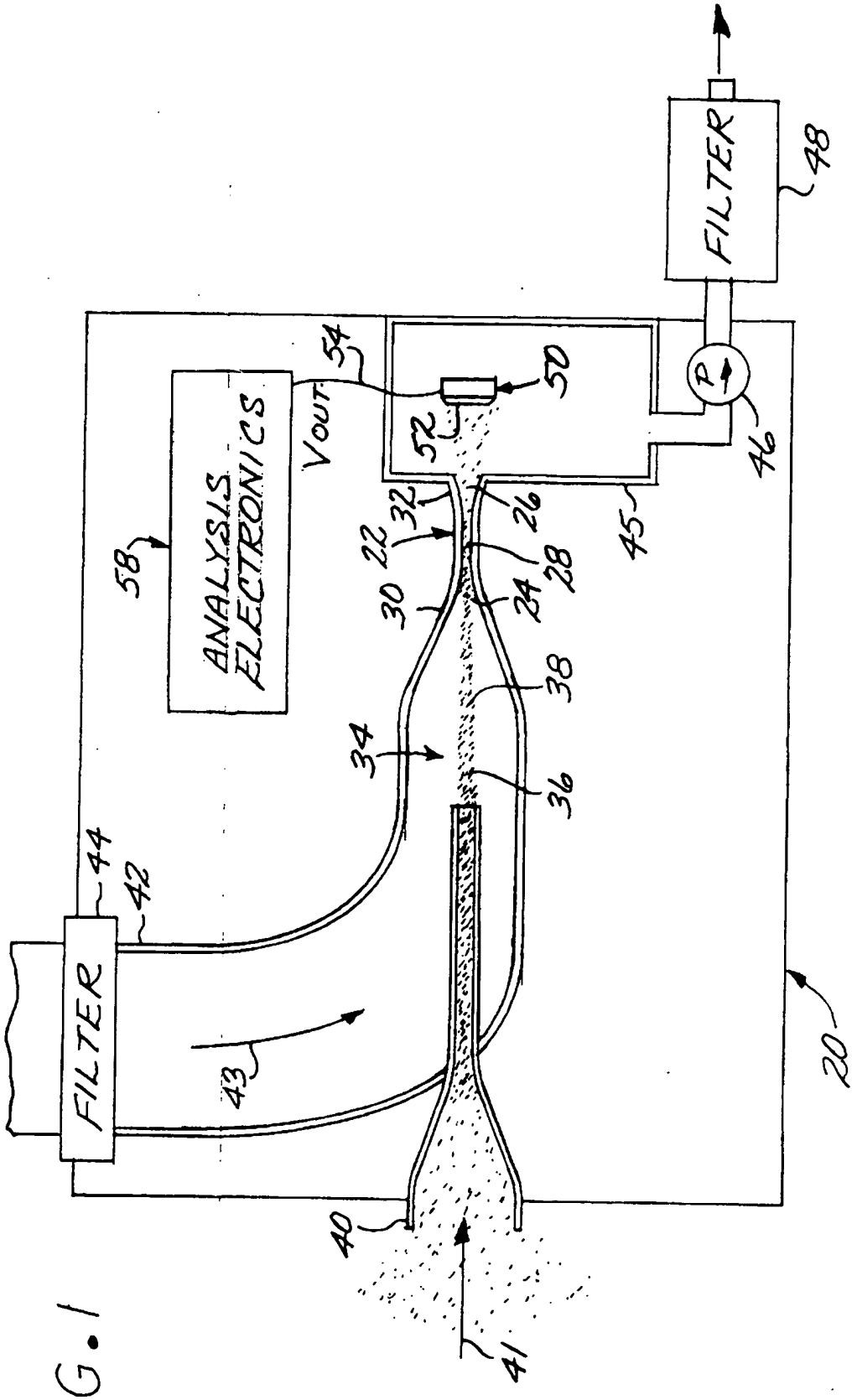
FILTER
48
P
46
ANALYSIS ELECTRONICS
58
Vout
54
50
52
45
32
22
26
30
24
28
38
34
36
44
42
FILTER
43
20
40
41

FIG. 1

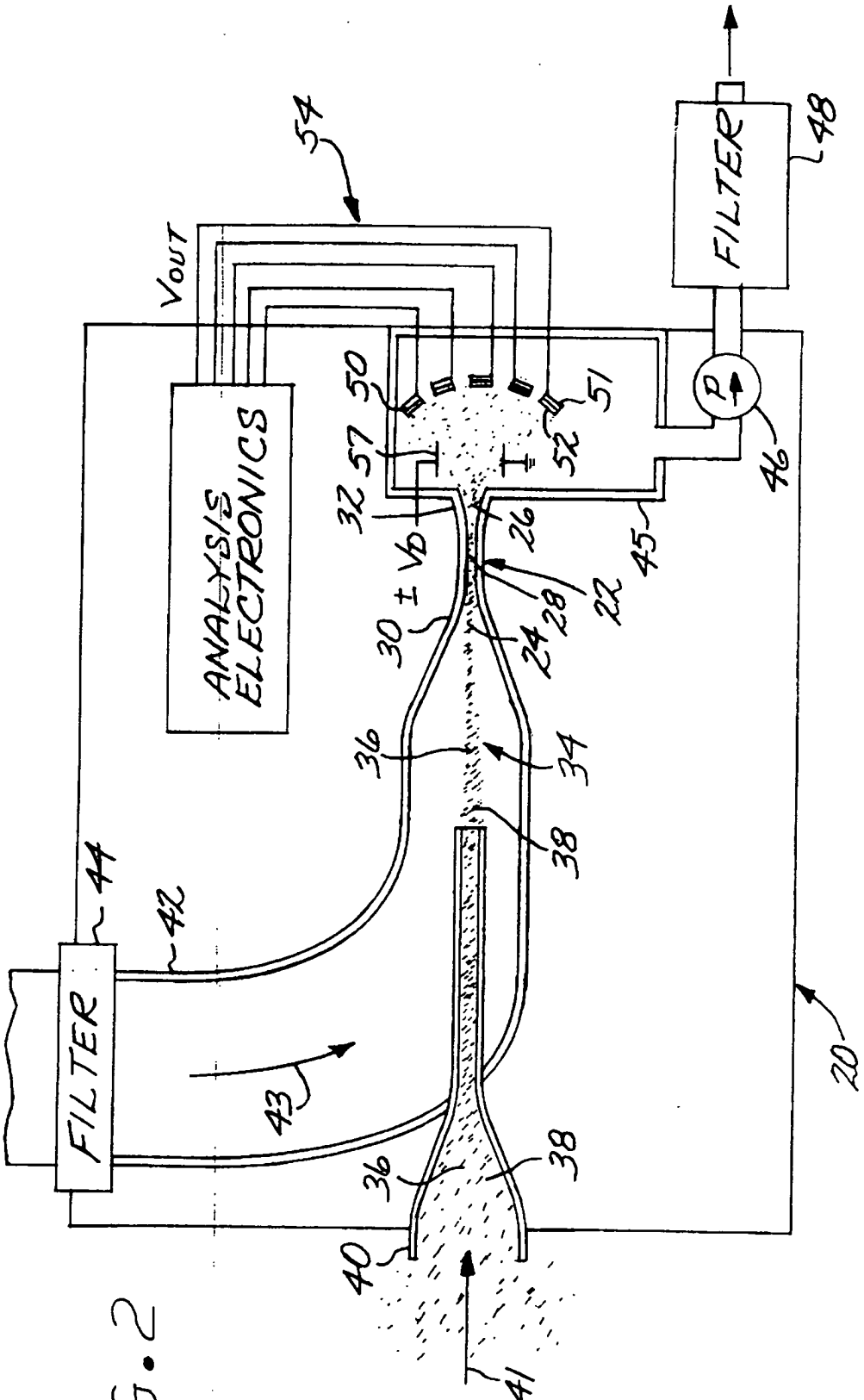
54
VOUT
ANALYSIS ELECTRONICS
FILTER
48
P
46
50
51
52
57
32
± VD
26
45
22
30
28
24
36
34
38
44
42
FILTER
43
20
36
38
40
41

FIG. 2

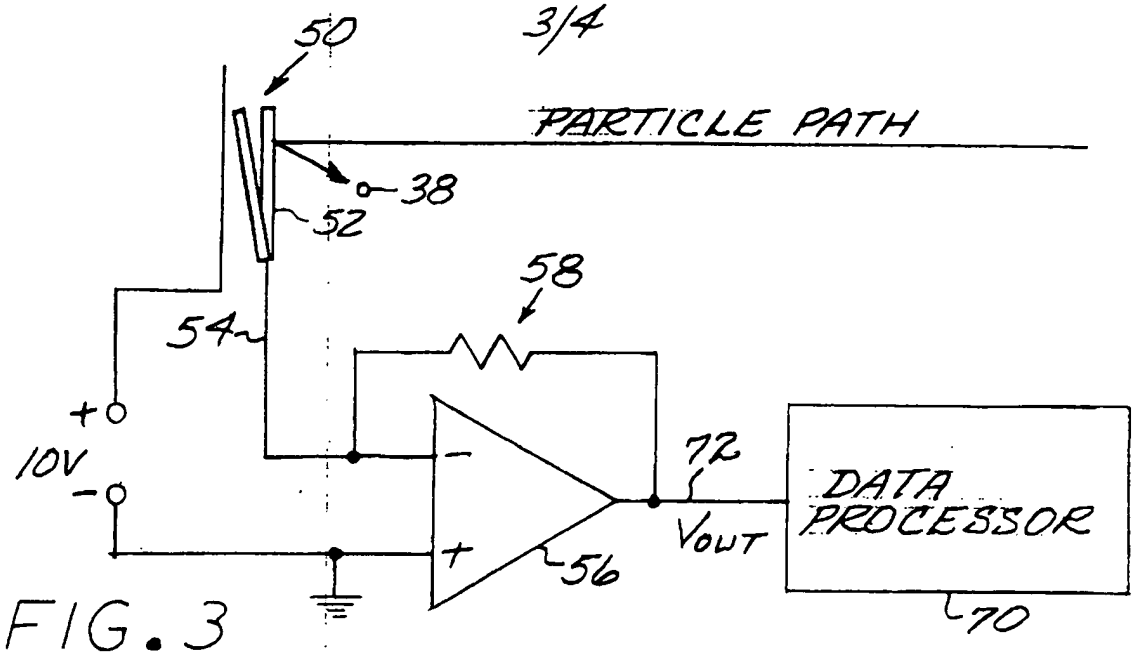

FIG. 3

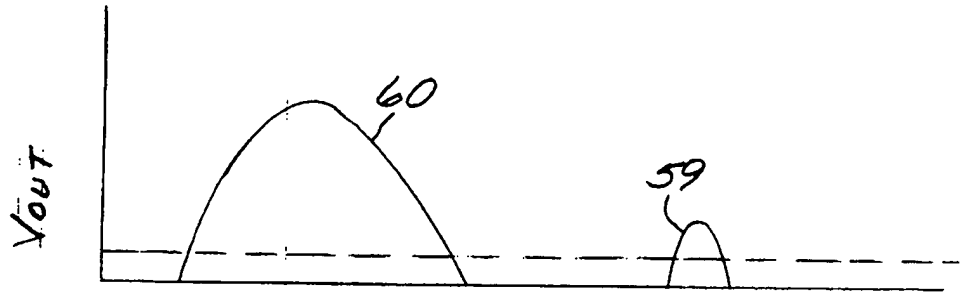

FIG. 4

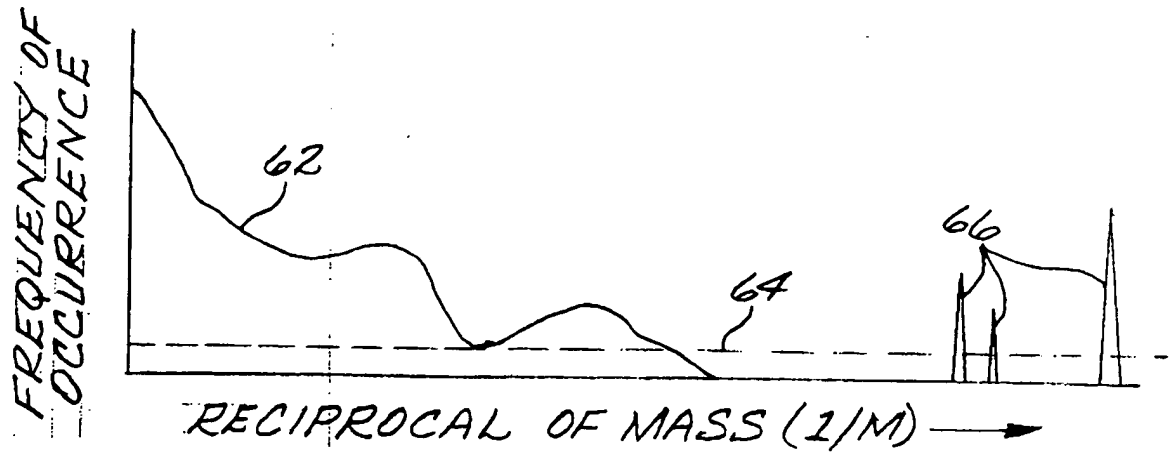

FIG 5

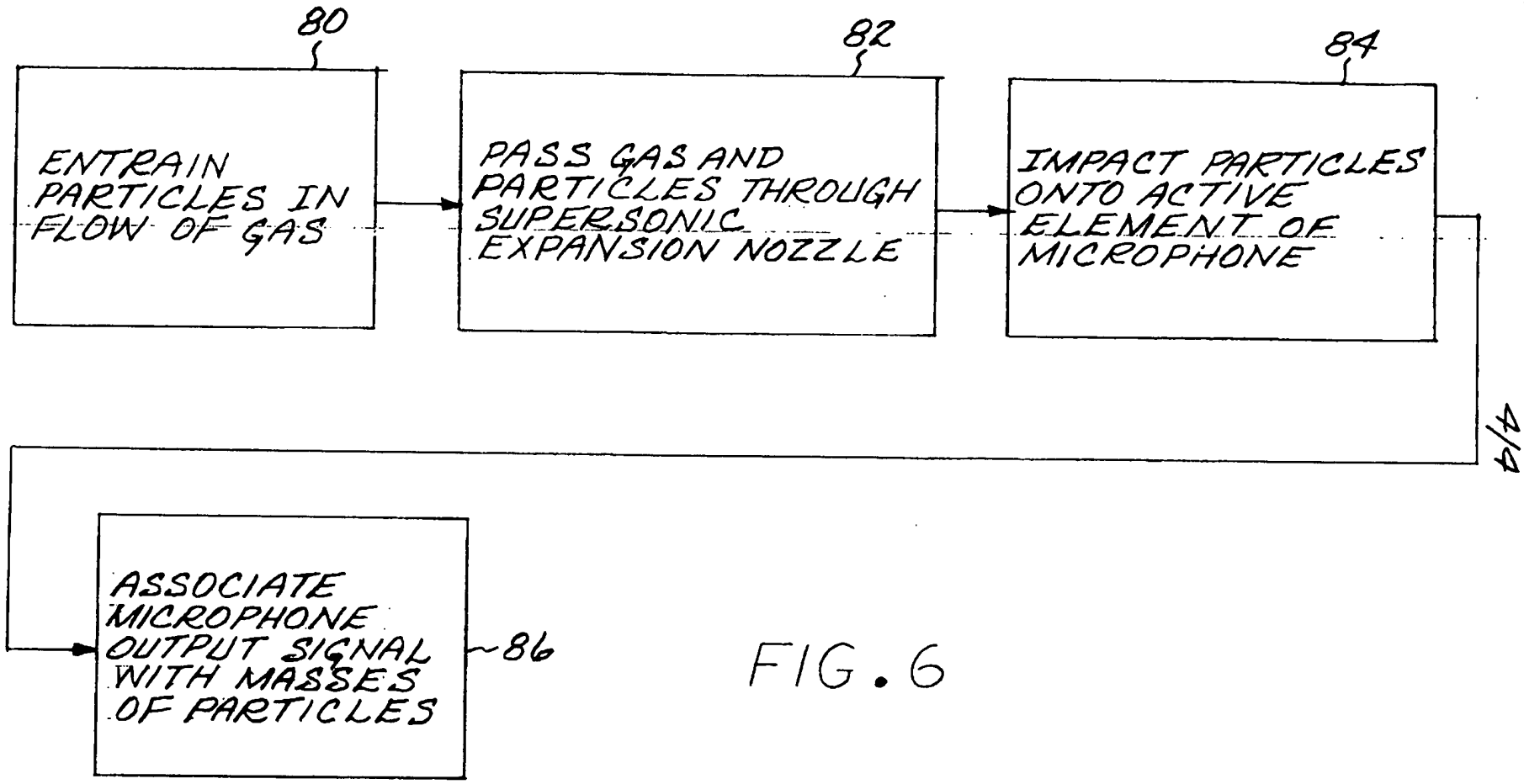
80
ENTRAIN PARTICLES IN FLOW OF GAS
82
PASS GAS AND PARTICLES THROUGH SUPERSONIC EXPANSION NOZZLE
84
IMPACT PARTICLES ONTO ACTIVE ELEMENT OF MICROPHONE
ASSOCIATE MICROPHONE OUTPUT SIGNAL WITH MASSES OF PARTICLES
86

FIG. 6